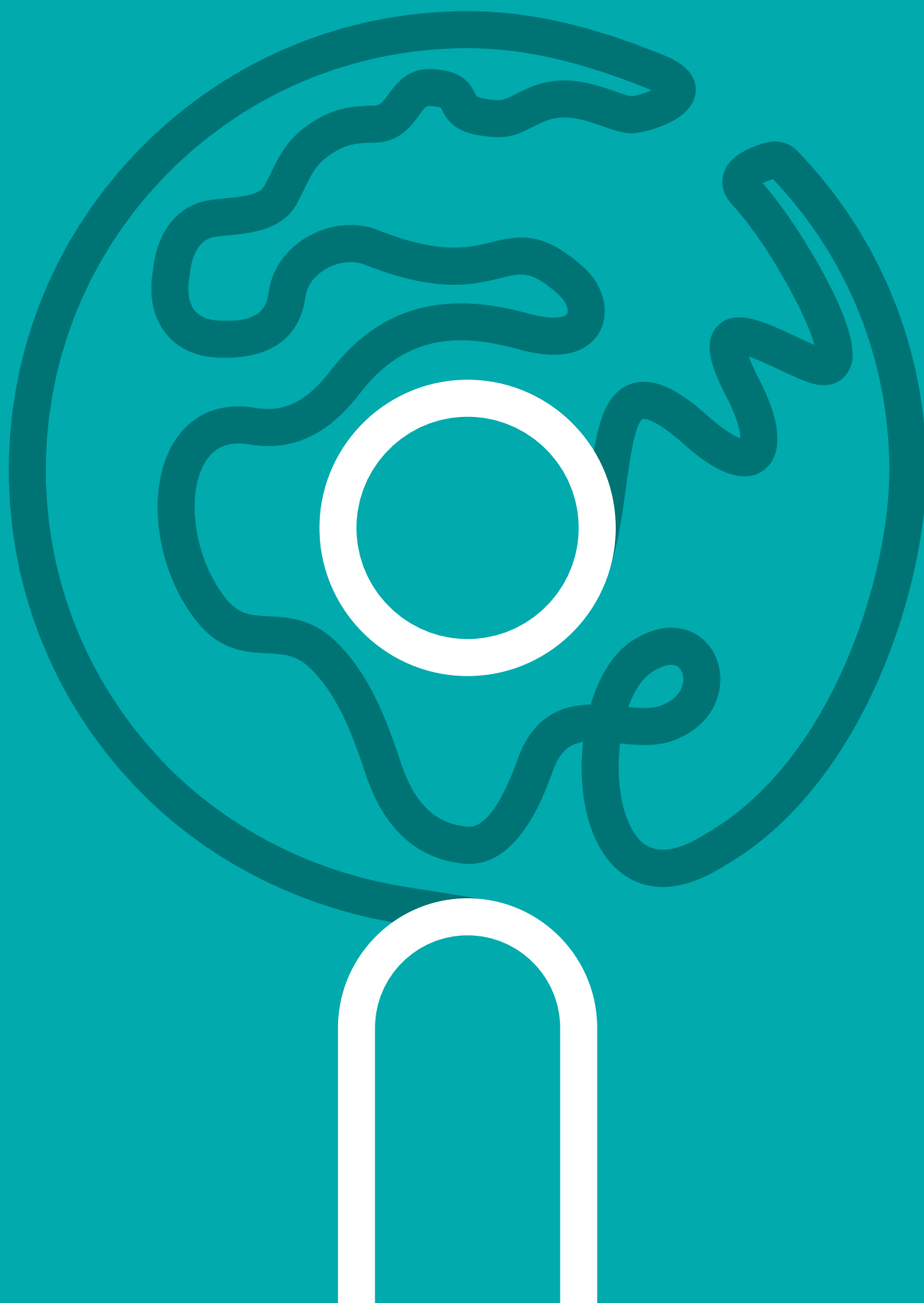




CONNECT by cegecom



Select the connectivity speed
according to your business needs



For all your connectivity needs between your different locations, whether for PBX telephone systems, business networks (LAN, MAN, WAN), the continuous running of your applications or the real-time data replication of your data, our **CONNECT** services offer you reliable, secure and personalised solutions. You select the connectivity speed which best suits your needs.

You have the choice between 4 services:

- **Connect Classic**
- **Connect Ethernet**
- **Connect Wave**
- **Connect Public Cloud**

Whatever your choice may be, you can connect all your international sites everywhere in the world thanks to our own cross-border infrastructure and our partner networks. In addition, cegecom manages 24 hours a day and 7 days a week its network to ensure maximum performance for your critical business applications.





Connect Classic

your fast and reliable Internet connection

With **Connect Classic**, you benefit from a highly reliable broadband connection between all your sites, whether for PBX phone systems or a local business network (LAN).

Connect Classic uses SDH (Synchronous Digital Hierarchy) technology, a set of protocols for high-speed data transmission, and provides leased broadband lines up to 2.5 Gbps. This mature technology ensures you the high level of availability for our connections. To get more availability, the service can be delivered via two different paths on request.

Technical features

Scalability

Product	Bandwidth	Interface
Connect Classic 2M	2 Mbit/s (E1)	G703
Connect Classic 155M	155 Mbit/s (STM-1)	G957
Connect Classic 622M	622 Mbit/s (STM-4)	G957
Connect Classic 2,5 G	2,5 Gbit/s (STM-16)	G957

Connectivity

The connexion can be delivered via a dedicated interface or via an aggregated interface with several logical sub-interfaces.



Connect Ethernet

a single network
for all your sites

With **Connect Ethernet**, you connect all your sites, whatever the business network used (LAN, MAN ou WAN), with leased broadband lines which ensure the continuous operation of your applications in your different offices.

Connect Ethernet uses the Carrier Ethernet protocol which enable you to have a more performing network thanks to higher speed and additional services including supervision, performance measures and protection management. Connect Ethernet provides a symmetrical bandwidth up to 1.5 Gbps and is perfectly suited to bandwidth intensive applications, such as site to site video, data storage and data centre consolidation.

On request, the service can be delivered via two different paths to further increase the availability. On demand, an extra level of security can be added to your interconnections with our encryption solution.

Technical features

Scalability

Produit	Bande passante	Interface
Connect Ethernet 2M	2 Mbit/s	100BaseT
Connect Ethernet 4M	4 Mbit/s	100BaseT
Connect Ethernet 6M	6 Mbit/s	100BaseT
Connect Ethernet 8M	8 Mbit/s	100BaseT
Connect Ethernet 10M	10 Mbit/s	100BaseT
Connect Ethernet 20M	20 Mbit/s	100BaseT
Connect Ethernet 50M	50 Mbit/s	100BaseT
Connect Ethernet 100M	100 Mbit/s	100BaseT, 1000BaseT
Connect Ethernet 200M	200 Mbit/s	1000BaseT
Connect Ethernet 500M	500 Mbit/s	1000BaseT
Connect Ethernet 1000M	1 Gbit/s	1000BaseT

Connectivity

Connect Ethernet offers two network interfaces : an User Network Interface (UNI) or an External Network Interface (ENNI).

Topology

Connect Ethernet can be configured as a private line connecting two locations or a meshed network connecting several sites.

Encryption

An extra level of security to your data transport can be added on request:

- AES-256 encryption algorithm;
- NIST SP 800-38A and FIPS PUB 197 standards;
- Diffie-Hellman dynamic key exchange protocol.



Connect Wave

ultra-high speed
for real-time business

With **Connect Wave**, you connect all the locations where your critical data are stored with ultra-high speed and very low-latency, enabling you to use them as one site. You benefit from a fast and efficient connectivity and real-time data replication able to maintain business continuity and disaster recovery plans.

Connect Wave uses the DWDM (Dense Wavelength Division Multiplexing) technology – up to 100 Gbps with the Ethernet protocol and up to 8 Gbit/s with the Fibre Channel protocol. This technology enables a single optical fibre to transmit multiple channels of data and ensures you short latency time and optimum reliability.

On request, the service can be delivered via two different paths to further increase the availability. On demand, an extra level of security can be added to your interconnections with our encryption solution.

Technical features

Scalability

Product	Bandwidth	Interface
Connect Wave 1G	1 Gbit/s	Optical LX Single Mode
Connect Wave 10G	10 Gbit/s	Optical LX Single Mode
Connect Wave 100G	100 Gbit/s	Optical LX Single Mode
Connect Wave 2G Fibre Channel	2 Gbit/s	Optical LX Single Mode
Connect Wave 4G Fibre Channel	4 Gbit/s	Optical LX Single Mode
Connect Wave 8G Fibre Channel	8 Gbit/s	Optical LX Single Mode

Encryption

An extra level of security to your data transport can be added on request:

- AES-256 encryption algorithm;
- NIST SP 800-38A and FIPS PUB 197 standards;
- Diffie-Hellman dynamic key exchange protocol.



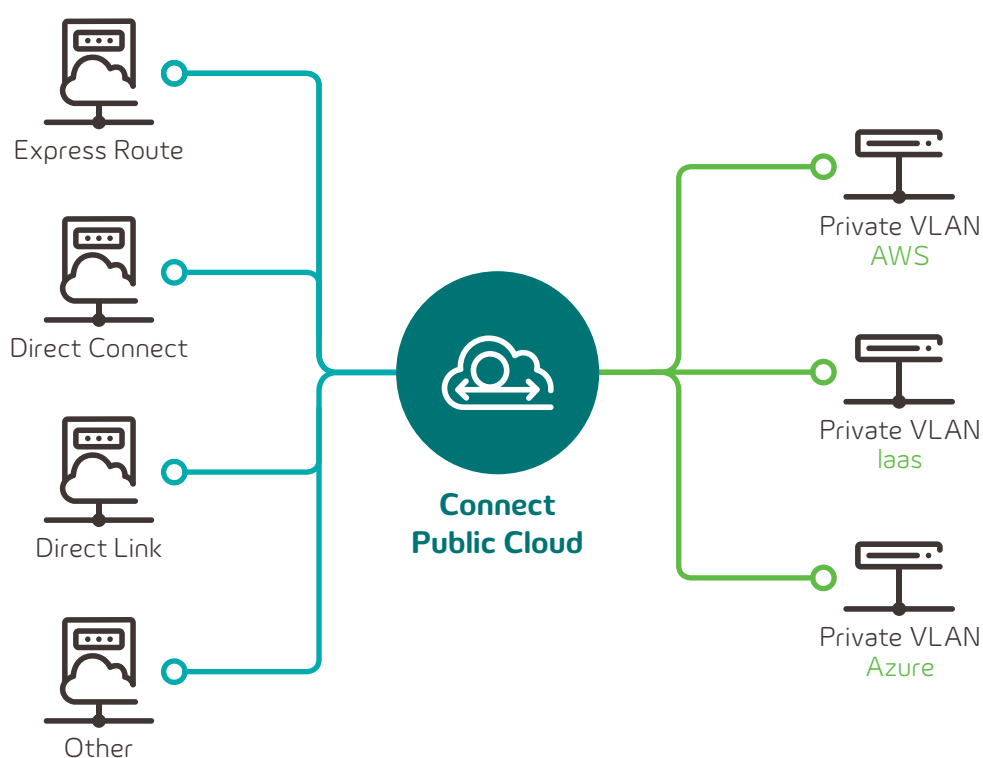
Connect Public Cloud

dedicated connection in the cloud

With **Connect Public Cloud**, you connect directly, via a virtual dedicated VLAN line, your servers and applications hosted in the public clouds of Amazon Web Services (Direct Connect) or Microsoft Azure (ExpressRoute) with your intern infrastructure.

This solution reduces costs and avoids the vulnerability and limitation of IP links (Internet). The connection is performed on a dedicated line, ensuring you a total data security. Unlike an IP connection, the bandwidth is only dedicated to you and not shared.

By combining this service with our **CLOUD** solution, you benefit from secure and Luxembourg-based servers and you can interconnect them with your business network wherever you are in the world, from Germany to United States, Spain or Turkey.



Technical features

Scalability

Product	Bandwidth
Connect Public Cloud 100M	100 Mbit/s
Connect Public Cloud 200M	200 Mbit/s
Connect Public Cloud 500M	500 Mbit/s
Connect Public Cloud 1G	1 Gbit/s
Connect Public Cloud 2G	2 Gbit/s
Connect Public Cloud 5G	5 Gbit/s
Connect Public Cloud 10G	10 Gbit/s

Dedicated uptime to 99.9%

